



Professional Development Academy
Sponsored by
Montana Council of Teachers of Mathematics



A Problem-Based Approach to Teaching and Learning

Presenter: Kathy Hill, 3rd-8th grade Mathematics teacher,
Bissell School, Whitefish, Montana

Designed to enhance K-6 Math Education

June 25 – 28, 2007 at the Montana Learning Center by Helena
Monday – Wednesday 8a.m. to 4 p.m.; Thursday 8a.m. until noon
Summer of 2008 in Billings (Dates to be announced)

“Most, if not all important mathematics concepts and procedures can
best be taught through problem solving.” John A. Van de Walle

This workshop is designed to explore problem solving as an approach to teaching mathematics. Participants will experience sample tasks and design/adapt tasks for use in their own classrooms. They will learn a lesson format that includes discussion techniques and addresses student communication. Assessment will be examined as well as using problem solving to meet the needs of a differentiated classroom.

NOTE: Please bring your current textbook or curriculum.

The \$585 registration fee will include:

- * Become an MCTM member or an automatic MCTM 1 year membership renewal
- * Three and one-half days of quality in-service
- * 30 Renewal Units through OPI
- * 2 university semester credits will be available
- * Bring your current textbook or curriculum
- * Meals and lodging at Montana Learning Center

(Individuals who do **not** plan to stay at MLC can deduct \$150 for lodging.)

Registration is due by **May 20, 2006** with your **non-refundable** \$100 deposit made payable to **MCTM**. The balance must be paid by check or PO before beginning the workshop.

Return or email your registration:

Linda Horst
2221 Lyndale Lane OR Email: horstl@billings.k12.mt.us
Billings, MT 59102

Name _____ Grade Level _____
School District _____ School _____
School Address _____ Phone _____
Home Address _____ Phone _____

Deposit: Date _____
check or PO # _____
Balance Paid Date: _____
check or PO # _____

Email_____ Summer email_____

___ **YES**, I will be staying at MLC.

___ **NO**, I will not be staying at MLC.